

In The Claims:

- A1
1. (Once Amended) A system for speech processing, comprising:
speech data generated from one or more speech sources;
an enhanced phone set that includes acoustic-phonetic symbols and
connectors for extending said enhanced phone set; and
a transcription generated by a transcription process that selects appropriate
phones from said enhanced phone set to represent said speech data.
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- A2
9. (Once Amended) The system of claim 7, wherein said enhanced phone set includes said acoustic-phonetic symbols, said acoustic-phonetic symbols being utilized in said transcription process to represent acoustic-phonetic processes of said speech data.

10. (Once Amended) The system of claim 9, wherein said enhanced phone set further includes said connectors used in said transcription process to connect said acoustic-phonetic symbols to base-phones affected by acoustic-phonetic processes, thereby producing composite-phones.
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A3

(Once Amended) A method for speech processing, comprising the steps of:
generating speech data from one or more speech sources;
providing an enhanced phone set that includes acoustic-phonetic symbols and
connectors for extending said enhanced phone set; and
producing a transcription using a transcription process that selects
appropriate phones from said enhanced phone set to represent said
speech data.

A4

33. (Once Amended) The method of claim 31, wherein said enhanced phone set
includes said acoustic-phonetic symbols, said acoustic-phonetic symbols being
utilized in said transcription process to represent acoustic-phonetic processes of said
speech data.

34. (Once Amended) The method of claim 33, wherein said enhanced phone set
further includes said connectors used in said transcription process to connect
said acoustic-phonetic symbols to base-phones affected by acoustic-phonetic
processes, thereby producing composite-phones.